## MINE SEARCH AND RESCUE TEAM LEADER

<table>
<thead>
<tr>
<th>RESOURCE CATEGORY</th>
<th>Search and Rescue</th>
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<tbody>
<tr>
<td>RESOURCE KIND</td>
<td>Personnel</td>
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<tr>
<td>OVERALL FUNCTION</td>
<td>The Mine Search and Rescue (SAR) Team Leader leads a Mine SAR team performing search, rescue, and recovery in various mine environments</td>
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| COMPOSITION AND ORDERING SPECIFICATIONS | 1. This position can be ordered as a single resource or in conjunction with a NIMS typed team (Mine Search and Rescue Team).  
2. Discuss logistics for deploying this position, such as security, lodging, transportation, and meals, prior to deployment  
3. This position typically works 12 hours per shift, is self-sustainable for 72 hours, and is deployable for up to 14 days  
4. Appropriate endorsements may be necessary for SAR operations for specific types of mines as defined by MSHA (such as animal rescue, submerged environments) |

Each type of resource builds on the qualifications of the type below it. For example, Type 1 qualifications include the qualifications in Type 2, plus an increase in capability. Type 1 is the highest qualification level.
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<tr>
<td>DESCRIPTION</td>
<td>Same as Type 2, PLUS: 1. Leads a NIMS Type 1 Mine SAR team performing search, rescue, and recovery in active mine environments 2. Endorsed for specific active mine types in accordance with the U.S. Department of Labor’s Mine Safety and Health Administration (MSHA)</td>
<td>The Mine SAR Team Leader: 1. Leads National Incident Management System (NIMS) Type 2 Mine SAR teams performing search, rescue, and recovery in inactive and abandoned mine environments 2. Provides general leadership, direct supervision, wellness, and safety of the team, team members, and other single resources 3. Provides first aid 4. Operates within the Incident Command System (ICS) in a specialized position within the Mine SAR Team 5. Operates in environments with and without infrastructure, including those affected by disasters and terrorism; with compromised access to roadways, utilities, and transportation; and with limited availability of shelter, food, and water 6. Provides: a. Safety of self and team members b. Basic medical care of self, team members, and survivors c. Simple decontamination of self and team members d. Basic ground support capability for helicopter operations 7. Coordinates with ground vehicles, watercraft, and aircraft for support, transportation, and evacuation 8. Conducts initial response to an incident, including: a. Size up and initial report b. Rescue vs. recovery assessment c. Pre-planning, incident action planning, and emergency response planning</td>
<td>Not Specified</td>
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<td>EDUCATION</td>
<td>Not Specified</td>
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| TRAINING    | Same as Type 2, PLUS: NIMS Type 1 Mine SAR Technician training          | Completion of the following:  
1. NIMS Type 2 Mine SAR Technician training  
2. NIMS Type 2 Land SAR Team Leader training  
3. All Hazards Team Leader level training  
4. Authority Having Jurisdiction (AHJ) Operational Leadership Training  
5. OSHA based coursework on:  
   a. Annual hazardous materials first responder awareness  
   b. Federal regulations related to environment for this type  
   c. State and local safety and health regulations  
Completion of awareness-level training regarding hazards and safety in and around:  
1. Active mines  
2. Submerged environments, including stillwater, swiftwater, and dive operations  
3. Other various underground and confined space environments  
4. Related hazard and hazardous materials guides and references  
AHJ-verified completion of training that meets or exceeds the National Fire Protection Agency (NFPA) or ASTM International (ASTM) for the following:  
1. Initial response to an incident including:  
   a. Size up and initial report  
   b. Rescue vs. recovery assessment  
   c. Pre-planning, incident action planning, and emergency response planning  
2. Fire and explosions in the environment, mitigation, and suppression, including extinguishment methods, equipment, and post-fire and post-explosion safety and actions  
3. Personnel accountability and tracking systems for surface and entry/exit, including use of entry and exit checklists  
4. Environment stability and collapse hazards and mitigation | 1. Operational leadership training follows these guidelines, or those of the AHJ: National Park Service (NPS) or United States Coast Guard (USCG) Operational Leadership training (current edition); National Wildfire Coordinating Group (NWCG) L-180: Human Factors in the Wildland Fire Service or discipline equivalent; and NWCG L-280: Followership to Leadership or discipline equivalent.  
2. The AHJ may require additional training capabilities and endorsements. |
Position Qualification for Mass Search and Rescue Operations
Search and Rescue

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<td>PHYSICAL/MEDICAL FITNESS</td>
<td>Same as Type 2</td>
<td>1. Performs duties under arduous circumstances characterized by working consecutive 12-hour days under physical and emotional stress for sustained periods of time 2. Meets minimum physical fitness and swimming standards, in accordance with the AHJ’s Job Related Physical Ability Test (JRPAT) 3. Maintains AHJ-determined physical fitness standards suitable for the environment and typing 4. Maintains immunizations in accordance with the U.S. Department of Health and Human Services Centers for Disease Control and Prevention recommended adult immunization schedule for the United States of America</td>
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| CURRENCY                      | Same as Type 2, PLUS: This position maintains currency for the NIMS Type 1 Mine SAR Technician | 1. Annual refresher of related SAR skills and abilities in mine environments  
2. Functions in this position during an operational incident, planned event, participation in exercise, drill, or simulation once every three years or as the AHJ determines  
3. Maintains currency for the NIMS Type 2 Mine SAR Technician  
4. Background checks as applicable law permits or requires | Provider must carry out and use any background checks as applicable law specifies. This may include a background check completed within past 12 months; sex-offender registry check; and a local, state, and national criminal history. |
| PROFESSIONAL AND TECHNICAL LICENSES AND CERTIFICATIONS | Not Specified                                                          | 1. Certification or completion of mine SAR training that relates to the job standards  
2. AHJ-required BLS-level medical care certification or recertification | The AHJ determines the emergency medical certifications the team leader needs to meet the minimum criteria, which can include first aid, cardiopulmonary resuscitation (CPR), and BLS. |
NOTES
Nationally typed resources represent the minimum criteria for the associated category.

REFERENCES
1. FEMA, NIMS 508: Mine Search and Rescue Team
2. FEMA, NIMS 509: Mine Search and Rescue Technician
11. Mine Safety and Health Administration (MSHA) 30 CFR Part 23: Telephones and Signaling Devices